**Krishna Prabha Raveendran**

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**Professional Summary**

Software Engineer with 3.8 years of experience in developing robust code and programming experience as an Oracle PL/SQL Developer in Analysis, Design and Implementation of Business Applications using the Oracle Relational Database Management System (RDBMS).

**Skills**

Oracle SQL, PLSQL, Oracle Application Express (Apex), C, C++, HTML, JavaScript, Data Structures and Algorithms, SQL Query Optimization and Performance tuning, SQL Developer, Technical Documentation.

**Work History**

**Senior Software Engineer**, May 2020 to Mar 2021

**Sunera Technologies** - Hyderabad

Worked on TracFone projects.

Understanding and Collecting requirements from Business user side or Business Analyst and try to convert that requirement to SQL queries or PL SQL.

**Senior Software Developer**, August 2017 to April 2020

**Hexagon Capability Center India Hyderabad**

Worked on a project called Smart Materials. Smart Materials is an integrated life-cycle material and supply chain management solution. It provides a common platform for all partners in any engineering, procurement, and construction (EPC) project supply chain and helps to lower project costs, compress schedules and improve risk management.

**Technologies:** Oracle Apex Oracle SQL/PLSQL JavaScript HTML and Web programming.

**Responsibilities:**

* Write SQL queries and create PL/SQL functions/procedures/packages that are optimized for APEX.
* Create Apex pages, Master Detail Forms, Tabular forms, Apex Collections, Interactive reports, Charts etc.
* Improve performance and response times of APEX pages and reports.
* SQL and PL/SQL performance tuning.
* Follow best practices to document and track changes.
* Troubleshoot reporting issues.
* Trace data/logic and report back on root cause.
* Write Unit Tests.
* Innovate new tools/components which will boost the overall productivity of the team.

**Education**

Computer Science Engineering, 2017

**College of Engineering Trivandrum**

CGPA: 7.67/10

12th ,2012 10th,2010

**St Joseph Girls High School St Joseph Girls High School**

Mark: 91% Mark: 85%

**Accomplishments**

* **PoB award** 2019 for performance tuning Oracle PLSQL queries, designing a new UI, and for the efficient work towards product release.
* **STAR Award** for the significant and outstanding contribution towards Simplifying and Modernization of Site Module in Smart Materials 05 Sept 2019, Hexagon CCI.
* **PBR Award** during Q1 2019, for excellent performance and contribution made and goals achieved on behalf of the company, Hexagon CCI.
* **Pat on the Back** (PoB) Award 2018, for outstanding productivity and contributing for the project in workplace, Hexagon Capability Center India.

**Projects**

* Database Modeler As part of PHD 2.0, Hackathon conducted by Hexagon CCI A desktop application developed using Electron JS and Angular JS, which enables user to generate Data model and see an exhaustive list of dependencies on a given table/Procedure in an easy-to-understand UI representation. And it is extended with SQL Query Builder.
* Gesture Recognition for Controlling Media Player Software implemented using C++, where hand gestures are detected by finding median color and contours of the hand, which are then compared against a set of known gestures and performs the basic operations of a Media Player corresponding to it.
* Project Management A desktop application developed using C++, which allow Users to create and manage Projects and Tasks. Users can plan project activities, assign work, update and track the Status of each task.
* PoV (Persistence of Vision) Clock using ARDUINO Board

**Activities**

* Part of PHD 2.0, Hackathon conducted by Hexagon CCI.
* Conducted sessions for the new joiners in Hexagon CCI.
* Hosted POB awards ceremony on August 2019 at Hexagon CCI.